MUSKAN KUSHWAHA

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PROFESSIONAL SUMMARY

B.E. graduate in Computer Science and Engineering with expertise in software development, AI/ML, and cloud technologies. Proven ability to design and implement impactful solutions through hands-on projects in healthcare, IoT, and data analytics. Skilled in full-stack development using modern frameworks and libraries while following agile methodologies. Demonstrated commitment to continuous learning through multiple professional development programs and certifications, seeking an entry-level role to leverage technical acumen and interpersonal skills.

SKILLS

- **Leadership & Management:** Strategic planning, team leadership, cross functional collaboration, problem-solving, adaptability, effective communication, project management.

- **Software Development:** Full - Stack development, cloud-native applications, frontend development, API integration, backend development, familiarity with modern frameworks and libraries, agile methodologies.

TECHNICAL ACUMEN

- **Programming Languages: C++,** Java, Python, JavaScript.
- **Frameworks & Libraries:** React, Node.js, Django, TensorFlow, OpenCV.
- **Databases & Data Management:** MySQL, MongoDB.
- **Cloud & Infrastructure:** AWS,GCP.
- **Tools & Platforms:** Git, GitHub, Jira, Slack, MS Office Suite.
- **Methodologies**: Agile practices, Test-Driven Development (TDD), CI/CD.

PROJECTS

COVID-19 Predictor | Python, OpenCV, AI, ML   **March, 2023 – November, 2023**
- An AI-based predictive model designed to identify COVID-19 in patients, enhancing early diagnosis and improving healthcare efficiency.
- Implemented supervised machine learning techniques like Random Forests, Support Vector Machines, and Artificial Neural Networks to evaluate model accuracy and determine feature significance.

Hospital Management system | HTML, CSS, JavaScript, SQL   **February, 2022 – September, 2022**
- A web-based Hospital Management System designed to streamline patient records, doctor assignments, and hospital administration while providing remote access to medical reports.
- Built using HTML, CSS, JavaScript, PHP, and MySQL to ensure secure data storage, efficient retrieval, and a user-friendly experience for both patients and healthcare professionals.

Smart Agriculture System | Node-Red, IOT, Python, API   **December, 2021 – May, 2021**
- Developed a Node-RED interactive dashboard to display real-time sensor data from the IBM IoT Sensor Simulator and city-specific weather details from OpenWeather API, including temperature, humidity, wind speed, and cloud coverage.
- Built using **Node-RED Dashboard**, IBM IoT Platform, Python, and MQTT/HTTP protocols, with motor control functionality integrated via responsive UI buttons for efficient automation.

CERTIFICATIONS

- Wireless Evolution and 4G LTE Overview – Infosys
- Computer Vision for Engineering and Science – Coursera
- AWS Cloud Solutions Architect – Coursera
- Software Testing – NPTEL

AWARDS/EXTRACURRICULAR ACHIEVEMENTS

- Engaged in JP Morgan Chase Software Engineering Virtual Internship, implementing financial data analysis tools.
- **Recognized achiever in Google Cloud programs:** Completed 100% badges in Google Cloud Ready Facilitator Program 2022, and currently advancing skills through Google Gen AI Program.
- Accomplished Wipro Talent Next program (Sep-Dec 2023): Hands-on projects in AI, Cloud, Robotics, Cyber Security and IoT.

EDUCATION

- **Chandigarh University, Mohali (Punjab)**   **August, 2020 – June, 2024**
  Bachelors of Engineering - Computer Science and Engineering | **CGPA: 7.54**